

## ABSTRACT

**THESIS:** Species Density of the Southern Lesser Bush Baby (*Galago moholi*) at Loskop Dam Nature Reserve, Mpumalanga, South Africa, with notes on habitat preference.

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A population survey was conducted on *Galago moholi* along the road system at Loskop Dam Nature Reserve, Mpumalanga province, South Africa. The data were analyzed using the maximum perpendicular distance, mean perpendicular distance, and maximum reliable perpendicular distance methods. Vegetation sample plots were constructed at the location of each individual sighted in order to analyze the species' habitat use. The results indicate that the species density of *G. moholi* is significantly lower at Loskop Dam Nature Reserve than previously reported at other sites within South Africa. *G. moholi* was found to prefer areas with high concentrations of *Dichrostachys sp.*, *Combretum sp.*, or *Acacia sp.* One individual was observed consuming vegetative matter, which may indicate that the population within the reserve is utilizing available resources in a different way than populations in other parts of southern Africa.